

LIS, Bronislaw, mgr inz.

How to write correctly articles for Energetyka. Energetyka Pol
14 no.2:58-60 '60 (KEAI 9:6)
(Poland-- Electrical engineering)

LIS, Bronislaw, inz.

Diminution of losses of electric power in an electric-power system.
Energetyka Pol 14 no.6:186-188 Je '60. (EEAI 10:1)
(Electric power)

LIS, Bronislaw, mgr. inz.

New electric-power tariff for industry. Energetyka Pol 14 no.7:
216-220 J1 '60. (EEAI 10:1)
(Poland--Electric power)

LIS, Bronislaw, mgr inz. /

Peak load of electric power during the autumn and winter season
1960/61. Energetyka Pol 14 no.10:294-296 0 '60. (KEAI 10:3)
(Poland--Electric power)

LIS, Bronislaw, inz.

The "Rust" Publishing Office catalog of the Polish press. Reviewed
by Bronislaw Lis. Energetyka Pol. 15 no.9:Suppl.: Energopomiar
7 no.2:288- 3 of cover S '61.

LIS, Bronislaw, inz.

"Outlines of telecommunication" by [Engineer] Jadwiga Trusz and
[Engineer] Wlodzimierz Trusz. Reviewed by Bronislaw Lis.
Energetyka Pol. 15 no.9:Suppl.: Energopomiar 7 no.2:3 of cover \$ '61.

LIS, Bronislaw, mgr inz.

Peak load of the 1961/62 autumn-winter season in electric power.
Energetyka Pol 15 no,10:289-292 0 '61.

LIS, Bronislaw, mgr., inz.

"Informations for electricians"; a collective work. Reviewed by
Bronislaw Lis. Energetyka Pol 16 no.1:3 of cover '62.

1. Redaktor naczelny miesiecznika "Energetyka."

LIS, Bronislaw, mgr., inż.

"Power management in Europe" by Stanislaw Bladowski. Reviewed
by Bronislaw Lis. Energetyka Pol 16 no.3:3 of cover '62.

1. Redaktor naczelny miesiecznika "Energetyka"

LIS, Bronislaw, mgr., inz.

Organizational problems connected with the reduction of electric power. Energetyka Pol 16 no.3:65-70 '62.

1. Redaktor naczelny miesiecznika "Energetyka"

LIS, Bronislaw, mgr inz.

The autumn-winter 1962/63 peak in commercial power production.
Energetyka Pol 16 no.10:289-292 0 '62.

LIS, Bronislaw, mgr inz.

"Uniform terms in the field of power engineering." Reviewed by
Bronislaw Lis. Energetyka Pol 16 no.11: 352 N '62.

LIS, Bronislaw, mgr inz.

Fall-winter peak in the Polish electric power production.
Wiad elektrotechn 30 no.12:393-395 D '62.

LIS, Bromislaw, mgr. inz.

Remarks on papers sent to the periodical Energetyka for
publication. Energetyka Pol 17 no.3:Suppl.: Energopomiar
9 no.2:94-96 Mr '63.

LIS, Bronislaw, mgr inz.

Electric power losses in networks of the Southern District, in 1963.
Energetyka Pol 18 no.6:173-177 Je '64.

ACCESSION NR: AP5018424

PO/0036/65/000/007/0169/0176

48
47
0

AUTHOR: Januszewski, Zbigniew (Master engineer); Lis, Czeslaw (Engineer)

TITLE: Welding of metal sheets clad by X10CrAl13 and X10CrNiTi18-9 stainless steel's

Przegląd spawalnictwa, no. 7, 1981, 147-151

SYNOPSIS: weld joint, steel clad metal, welding technique, strip and steel, weld strength, weld strength

ABSTRACT: This paper describes the methods used for welding stainless steel-clad metal

L 1717-55

ACCESSION NR: AP5018424

well as all the safety precautions are discussed in detail and illustrated. A table shows current densities to be used. Microscopic examination of the claddings was also made and the results obtained are discussed. The resistance of the welds to intercrystalline corrosion was investigated, the method of preparing samples for such tests is described, and the results of the tests are tabulated. The mechanical properties of the claddings after tests made are presented and discussed. Orig.

ASSOCIATION: Zakłady Urządzeń Przemysłowych, Nysa (Industrial Installations Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE:

NO REF SOV: 000

OTHER: 007

Card 2/2

LIS, D.A., fel'dsher (derevnya Chichkanka Novosibirskoy oblasti)

Fundiform bandage for the toes. Fel'd. i akush. 26 no.10:49
0 '61. (MIRA 14:11)

(BANDAGE AND BANDAGING)

L15, H.

- [illegible]

LIS, I.

"The development and importance of the industrial Nitrogen Works in Kedzierzyn in the Six-Year Plan." p. 194. (Chemik. Vol. 6, no. 7/8, July/Aug. 1953. Katowice.)

SO: Monthly List of East European Vol. 3, No. 2, Library of Congress, Feb. 1954 1954, Uncl.
Accessions

LIS, I.

"Soviet assistance for the Kedziewzyn Industrial Nitrogen Works" p. 265 "Soviet comrades write to us" p. 266 (Chemik, Vol. 6, No. 10, Oct. 1953, Katowice)

SO: Monthly List of ~~Russian~~ Accessions East European Vol. 3, No. 3 Library of Congress, March 195⁴, Uncl.

LIS, J.

Reduction of cost in the 6-Year Plan of the tanning industry. p.146.
PRZEGŁAD SKORZANY (Centralne Zarzady Przemysłu Garbarskiego, Obuwniczego i
Artykułów Skorzanych) Łódź.
Vol. 10, no. 7, July 1955

So. East European Accessions List

Vol. 5, No. 9

September 1956

LIS, J.

Remarks on the profitability of cattle-hide imports. (To be cond.)

P. 183, (Przegląd Skorzany. Vol. 11, no. 8, Aug. 1956, ~~LODZ~~, POLAND)

Monthly Index of East European Accessions (EEAI) LC. Vol 7, no. 2,
February 1958

LIS, J.

The 25th Poznan International Fair.

P. 207, (Przeglad Skorany) Vol. 11, no. 8, Aug. 1956, Lodz, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1956

LIS, J.

Remarks on the profitability of cattle-hide imports. (Conclusion)

P. 213 (Przegląd Skorany. Vol. 11, no. 9, Sept. 1956, Lodz, Poland)

Monthly Index of East European Accessions (LC. Vol. 7, no. 2,
February 1958

215.1
Poland /Chemical Technology. Chemical Products
and Their Application

I-6

Mineral salts. Oxides. Acids. Bases.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31244

Author : Lesniewicz L., Bretsznajder S., Lis J., Piskorski J.

Title : Concentration of Aluminum Sulfate Solutions from
Local Raw Materials by Means of an Immersed Heater

Orig Pub: Przem. chem., 1956, 12, No 10, 566-568

Abstract: Experiments were carried out on concentration of
 $Al_2(SO_4)_3$ solutions, containing 20% free H_2SO_4 .
By using a heater of thermal capacity of about
4000 kcal/hour, evaporation efficiency of 91% is
attained, with thermal load of heater chamber of
 $18.2 \cdot 10^6$ kcal/m³ hour and evaporation rate of
71 kg water per m² hour. Evaporation of solutions

Card 1/2

Poland /Chemical Technology. Chemical Products
and Their Application

I-6

Mineral salts. Oxides. Acids. Bases.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31244

of technical $\text{Al}_2(\text{SO}_4)_3$ to a concentration of
47% $\text{Al}_2(\text{SO}_4)_3$ or to a content of 14% Al_2O_3 in
the product, involves no difficulties.

Card 2/2

S/081/62/000/002/022/107
B151/B108

AUTHORS: Jeliński, Aleksander, Lis, Józef

TITLE: An attempt to apply nuclear emulsions to the study of the distribution of uranium and thorium in magmatic rocks using the granitoids as an example

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 120, abstract 2G62 (Kwart. geol., v. 5, no. 1, 1961, 1 - 14)

TEXT: Results are given from a study of the distribution of U and Th in 13 samples of granitoids from Karkonoszy and Stshegoma-Sobutki, using a nuclear emulsion to record α radiation. The intensity of the α -radiation from various rock-forming minerals is also studied. It is shown that the radioactive elements are distributed nonuniformly and that more than 60% of the overall radioactivity from the Th is due to with accessory minerals. The rest of the radioactivity comes from secondary minerals, in which the major part of the U is concentrated. [Abstracter's note: Complete translation.] ✓

Card 1/1

LIS, Jozef; PRZENIOSLO, Stanislaw

An attempt to apply the $Fe^{3+} : Fe^{2+}$ ratio for the determination of the weathering degree of granites based on an example of Karkonosze granite. Przegl geolog 10 no.7:350-351 JI '62.

1. Instytut Geologiczny, Warszawa.

Lis, K.

AUTHORS: Rapoport, I. B., Flid, R. M., and Lis, K. 20-2-23/50

TITLE: On the Polymerization and Cyclization Reactions of Isobutylene (O reaktsii polimerizatsii i tsiklizatsii izobutilena).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 116, Nr 2, pp. 244-247 (USSR)

ABSTRACT: The polymerization of olefines with different numbers of carbon atoms takes place at not high temperatures; at elevated and non-elevated pressures and in the presence of various catalysts which possess properties of acids. Thermodynamical data on the polymerization of isobutylene show that the reaction very thoroughly takes place at 100-200°C. A rise of temperature reduces the activity of the catalyst due to its poisoning with resin products. The products of polymerization are the same on aluminum-silicate catalysts, independent of the fact whether these latter are synthetic or taken from nature. Dimers and trimers are the chief products. The speed of polymerization of isobutylene is much higher than that of butylene (according to Kazanskiy and Rozengart). The polymerization of butylene on aluminum-silicate catalysts is accompanied by an isomerization under

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On the Polymerization and Cyclization Reactions of
Isobutylene

20-2-23/50

formation of various isomeric octenes. At 370°C olefinelike and at 450-500°C aromatic hydrocarbons form. Higher compounds, up to pentamers, can also form on various catalysts. According to thermodynamic calculations the aromatization reaction is also possible for isobutylene. The thermodynamic analysis made by the authors as well of the gross reaction as of its individual stages leads to the following main conclusions: 1. The gross reaction $2C_4H_8 \rightleftharpoons 3H_2 + C_6H_4(CH_3)_2$

(o-, m-, p-) (table 1) is possible (when P = 1 atmosphere) with a practically complete conversion of isobutylene already at lower temperatures (120-130°C) under a predominant formation of m-xylol. The equilibrium of the stage of cyclization of isooctene to isomeric (cis- and trans-, o-, m-, p-) dimethylcyclohexanes is practically independent on temperature displaced to the right. 2. The degree of dimerization of isobutylene decreases with increasing temperature, With increasing pressure the reaction is somewhat displaced to the right. 3. A equilibrium yield of a xylol-mixture in dehydrations of isomeric (cis- and trans-,

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On the Polymerization and Cyclization Reactions of
Isobutylene

20-2-23/50

o-, m-, p-) dimethylcyclohexanes increases with increasing temperature. A full conversion can practically be attained at a temperature of 600°C (when P = 1 atmosphere). After some considerations on further possibilities and desired investigations the authors state that the present paper is dedicated to the study of the polymerization and aromatization reactions over the catalyst $\text{MoO}_3\text{-Al}_2\text{O}_3$. The experimental part with the usual data and conclusions follows: 1. The possibility of a polymerization with subsequent aromatization of isobutylene over a molybdenum-aluminum-catalyst was for the first time proved. 2. At temperatures up to 200°C the polymerization reaction over the above-mentioned catalyst proceeds under formation of di-, tri- and still higher polymers. The direction of reaction changes with increasing temperature and aromatic hydrocarbons appear in the product of the catalysis. 3. In the fraction boiling at 132-148°C, which had formed on the passage of isobutylene over the Mo-Al-catalyst at 400°C, up to 60% para- and meta-xylol, i.e. about 6 g per 1 m³ gas were determined.

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On the Polymerization and Cyclization Reactions of
Isobutylene

20-2-23/50

There are 4 tables and 7 references, 6 of which are Slavic.

ASSOCIATION: Moscow Institute for Fine Chemical Technology imeni
M. V. Lomonosov (Moskovskiy institut tonkoy khimicheskoy
tekhnologii im. M. V. Lomonosova).

PRESENTED: By B. A. Kazanskiy, Academician, May 4, 1957

SUBMITTED: May 3, 1957

AVAILABLE: Library of Congress.

Card 4/4

LIS, LEO

Abst Journal: Referat Zhur - Mekhanika, No 12, 1956, 8359

Author: Lis, Leo

Institution: None

Title: Determination of the Amount of Air Passing Through an Opening in a Barrier Under the Influence of a Temperature Difference on Both Its Sides

Original
Periodical: Gaz, woda, techn. sanit., 1955, 29, No 6, 202-203; Polish

Abstract: Examination of the air exchange through an opening in a vertical barrier separating spaces with different temperatures. Assuming that the temperature in each space is constant, that the pressure varies vertically in a linear manner, and that the total flow of air through the opening is zero, and dividing the rectangular opening of width a and height H into thin horizontal slits and applying to each slit the equation for the flow through an opening, the author obtains the following equation for the magnitude of the air exchange

Card 1/2

Abst Journal: Referat Zhur - Mekhanika, No 12, 1956, 8359

Abstract: $W = \frac{2}{3} a \mu \sqrt{2gH^3} \frac{\gamma_z \gamma_c (\gamma_z - \gamma_c)}{(\gamma_z^{1/3} + \gamma_c^{1/3})^3} \gamma^{1/2}$ where γ_z and γ_c are the weights per unit volume of the cold and hot air, and μ is a flow coefficient, assumed to equal 65.

The minimum amount of cold air W_1 that should pass through the opening so as to prevent the exit of warm air is

$$W_1 = \frac{2}{3} a \mu \sqrt{2gH^3} \gamma_z (\gamma_z - \gamma_c)$$

Card 2/2

LIS, L.Z.

Device for the automatic lap doffing from sliver lapping and
lap drawing machines. Tekst.prom. 22 no.11:32-36 N '62.
(MIRA 15:11)

1. Rukovoditei' brigady Gosudarstvennogo proyektnogo instituta
No.3 (GPI-3) Leningradskogo soveta narodnogo khozyaystva.
(Spinning machinery) (Automatic control)

LIS, M.

Can we build more cheaply? An answer to an article for discussion.
p. 6; ROLNIK SPOLDZIELCA. (Centrala Rolnicza Spoldzielni "Samopomoc
Chlopska"); Vol. 8, no. 23, June 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 4, No. 12, December 1955.

CZECHOSLOVAKIA

BILEK, J.; LIS, M.; Laboratory of Physiology and Genetics of Animals, Czechoslovak Academy of Sciences (Laborator Fysiologie a Genetiky Zivocichu CSAV), Uhrineves.

"To the Metabolism of Oxytocin in Mammary Gland."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 367

Abstract: Oxytocin which has a varied physiological influence disappears quickly from a living organism, even when high amounts are administered. Oxytocin is inactivated mainly in kidneys and in the liver. The mammary gland during lactation also shows a deactivation potency. Synthetic oxytocin was administered to goats during lactation and milk was tested for its presence. It was not possible to prove its presence in the milk. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 8 Dec 65.

1/1

- 100 -

CZECHOSLOVAKIA

APPROVED FOR RELEASE: 06/20/2000

CIA-RDP86-00513R000930110003-4"

HYNEK, B.; BILEK, J.; LIS, M.; Czechoslovak Academy of Sciences, Laboratory of Physiology and Genetics of Animals (CSAV, Laborator Fysiologie a Genetiky Zivocichu), Uhrineves.

"A Method of Implantation of Permanent Electrodes in the Hypophyseal Gland of Cattle and the Influence of Electrical Stimulation on the Ejection of Milk."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 378

Abstract: A method of surgical access to the hypophyseal gland of cattle was developed. The location of electrodes in the gland was used to introduce rectangular impulses that caused ejection of milk. In many experiments an increase in the content of fat in the milk was recorded. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 8 Dec 65.

1/1

- 101 -

1/1

- 106 -

L 30098-66 T IJP(c) RM

ACC NR: AP6020621

SOURCE CODE: PO/0046/65/010/011/0733/0734

AUTHOR: Lis, Stanislaw; Kowalski, Zdzislaw

ORG: Department of Radiochemistry, Institute of Nuclear Research, Warsaw (Zaklad radiochemii, Instytut Badan Jadrowych)

TITLE: Device for continuous measurement of the effluent activity from chromatographic columns

SOURCE: Nukleonika, v. 10, no. 11, 1965, 733-734

TOPIC TAGS: chromatography, radiation measurement, radiation counter

ABSTRACT: In order to determine continuously the activity of effluents from chromatographic columns, the liquid flow is directed through a 1-mm dia polyethylene tube, which passes through a lead shield to a G-M counter, and then to a volume-measuring device consisting of a drop counter. A chromatogram is obtained by plotting the count rate from the activity measurements against the total number of drops. A sample chromatogram, representing the separation of Tb, Gd, Eu, and Cs, is shown. Orig. art. has: 2 figures. [NA]

SUB CODE: 18, 07 / SUBM DATE: 01Sep65 / OTH REF: 002 / SOV REF: 001

Card 1/1 CC

LIS, S.F., slesar'; SAFRONOV, N.I.; YAKOVCHUK, V.V.; POLISHCHUK, V.A.,
brigadir; VYSOTIN, V.Ye.

Innovations. Transp. stroi. 15 no.3:51 Mr '65. (MIRA 18:11)

1. Instruktor Novosibirskoy normativno-issledovatel'skoy
stantsii (for Safronov). 2. Trest Novorossiyskmorstroy
(for Yakovchuk, Polishchuk). 3. Solginskiy domostroitel'nyy
kombinat tresta Transstroypromkonstruktsiya (for Vysotin).

20077

POL/046/61/006/003/004/005
D209/D303

21,3200
AUTHORS:

Pasternak, Antoni, and Lis, Stanisław

TITLE:

Adsorption and desorption of thorium, plutonium (III),
and plutonium (IV) ions from a filter

PERIODICAL: Nukleonika, v. 6, no. 3 , 1961, 215-219

TEXT: This paper reports on an investigation into the pH dependence of adsorption on and desorption from a filter of Th^{4+} , Pu(III), and Pu(IV) in an attempt to explain results observed in previous experiments by A. Pasternak (Ref. 1: Nukleonika 6, 113, 1961) on the coprecipitation of Pu(IV) with alizarin. The conditions of the experiment were analogous to those of the previous work. The concentrations of solutions used were $5 \cdot 10^{-6}$, $1.1 \cdot 10^{-6}$ M, and $1.74 \cdot 10^{-6}$ M of Th, Pu(III) and Pu(IV) respectively. Abstractor's note: The authors do not qualify the value $5 \cdot 10^{-6}$ of the thorium concentration and they were prepared in nitric acid. X

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POL/046/61/006/003/004/005
D209/D303

Adsorption and desorption of ...

Th²³⁴ was used as a tracer in the thorium solution. Solutions of 0.1 M Ce³⁺ with a pH 1.5, 1 M nitric acid, and 0.1 M perchloric acid were used for desorption measurements. The required volume of the buffer solution followed by 0.5 gm. of filtration mass (made from Whatman-Ashless Floc chemically purified paper) was added to the appropriate solution, and the liquid was filtered off after 2 minutes. Desorption was performed by washing for not more than 5 minutes and the cations in the filtrate and eluate were estimated radiometrically. The results obtained are shown in Figs. 2, 3, and 4, which each represent the averages of 3 - 5 sets of measurements. The increasing adsorption of cations due to the rise in activation of carboxylic groups is clearly shown, and the thorium shows a saturation effect. The desorption results shows that the simple ions which are readily desorbed can exist up to pH values of about 2 and 3 for thorium and plutonium (III) respectively. Plutonium (IV), however, is already adsorbed as a complex ion at pH 1 as evi-

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POL/046/61/006/003/004/005
D209/D303

Adsorption and desorption of ...

denced by the absence of complete desorption. This is explained by the existence of polycharged complexes which are shown to be present by the decreased elution obtained with the Ce^{3+} solution. The fact that at high pH the total amount of plutonium apparently present in filtrate, alizarin and eluate is less than the amount originally present is explained principally by the formation of neutral complexes which are not adsorbed on the filter. The shape of the desorption curves indicates that the hydrolysis of plutonium (IV) in dilute solutions is complicated. There are 4 figures, and 4 references: 3 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Polish Academy of Sciences, Institute of Nuclear Research, Warsaw, Department of Radiochemistry.

SUBMITTED: November 1960

Card 3/4

20077

LIS, Stanislaw

Absorption and desorption of thorium, plutonium (III) and plutonium (IV) ions from a filter. Nukleonika 6 no. 3:215-219 '61.

1. Polish Academy of Sciences, Institute of Nuclear Research, Warszawa, Department of Radiochemistry.

LIS, T. , Struzyk, J.

Fast drifting in Poland, p. 8.
(Uhli. Vol, 7, no. 1. Jan. 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

LIS, W.

LIS, W. Aurora observed on the Kasprowy Wierch Mountain. Urania, 1948,
v. 19, p. 20-24.

LIS, Z.

Effect of nutrition on renewal of the blood and on hemopoietic
function of the liver. Pat. polska 3 no.4:341-358 Oct-Dec 1952.
(CINL 24:2)

1. Of the Institute of General and Experimental Pathology (Head--
Prof. B. Giedosz, M.D.) of Krakow Medical Academy.

MROZIEWSKI, Stefan (Warszawa); LIS-KUTYNA, Zofia (Warszawa)

Studies on the preservability of vitamin C in the industrial
production of tomato juice and concentrate. Przem spoz 15 no.12:
33-38 '61.

LISA, L.; ROSSLER, M.; HEYROVSKY, A.

Improvement in Wilson's disease in a 17-year-old girl with continuous penicillamine therapy. Cesk pediat. 19 no.10: 908-911. O '64.

1. I detska klinika fakulty detskeho lekarstvi Karlovy university v Praze, (prednosta prof. dr. J. Svejcar, DrSc.) a Vyzkumna laborator angiologicka CSAV v Praze, (vedouci prof. dr. B. Prusik [deceased]).

LACKOVA, E.; LISA, L.; JANSKA, M.

Excretion of 17-hydroxycorticosteroids following metopirone.
Cesk. pedia. 19 no.4:321-323 Ap'64

1. Katedra nemocnicni pediatrie fakulty detskeho lekarstvi KU
v Praze; I. detska klinika fakulty detskeho lekarstvi KU v
Praze (prednosta: prof. dr. J. Svejcar, DrSc.)

*

LISA, L.; LACKOVA, E.; JANSKA, M.

Excretion of uropepsin during corticoid therapy. Cesk. pediat.
19 no.6:518-521 Je*64

1. I. detska klinika fakulty detskeho lekarstvi KU v Praze;
prednostar: prof. dr. J.Svejcar, DrSc.

Pediatrics

CZECHOSLOVAKIA

HYANEK, J.; LISA, L.; Department of Clinical Biochemistry, Faculty of General Medicine, Charles University and Central Laboratory (Oddeleni pro Klinickou Biochemii Fak. Vseob. Lek. KU a Ustredni Laborator), FN [Abbreviation not explained] 2, Prague, Chief (Prednosta) Prof Dr J. HOMOLKA; 1st Pediatric Clinic Fac. of Pediatrics, Charles University (I. Detska Klinika Fak. Detskeho Lek. KU), Prague, Chief (Prednosta) Prof Dr J. SVEJCAR.

"Hyperlysinuria."

Prague, Casopis Lekarů Českých, Vol 106, No 9, 3 Mar 67, pp 253 - 254

Abstract: The authors describe a case of a 3 year old girl who suffered from the disease; the child was born to healthy parents. The composition and amounts of various aminoacids found in the urine are given. 2 Figures, 1 Table, 2 Western, 1 Czech reference.

1/1

SOURCE CODE: CZ/0062/66/008/006/0476/0478

ACC NR: AP6036303

AUTHOR: Lisa, Ludmila; Prat, S.

ORG: Culture Collection of Antotrophic Organisms, Institute of Experimental Botany,
Czechoslovak Academy of Sciences, Prague

TITLE: The effect of hydroxamates on the growth of the alga [✓] Scenedesmus obliquus

SOURCE: Biologia plantarum, v. 8, no. 6, 1966, 476-478.

TOPIC TAGS: hydroxamate, albomycin, alanine, algae

ABSTRACT: The effect of hydroxamates on the growth of the alga *Scenedesmus obliquus* was studied using the preparation albomycin (a ferric hydroxamate) obtained from Dr. O. Mikes from the Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences, Prague. The algae were cultivated in static conditions at 20C with periodic illumination of six hr light (1800 lux) and six hr dark, using as nutrient media: a) Benson's nutrient with various albomycin concentrations, and b) Benson's medium with various albomycin concentrations and iron content 10 times lower. Growth was determined colorimetrically. Addition of albomycin to Benson's nutrient solution does not significantly affect growth of the algal culture; however, addition of albomycin to Benson's medium with lower iron content stimulated algal growth by up to 60%. Investigations of the effect of alanine hydroxamate (a nonferric hydroxamate) on algal growth indicate no growth

Card 1/2

ACC NR: AP6036303

stimulation, which suggests that the presence of the ferric complex is essential for stimulation. Orig. art. has: 2 figures.

SUB CODE: 06/ SUBM DATE: 13Jun66/ ORIG REF: 001/ OTH REF: 002/ ATD PRESS: 5106

Card 2/2

CZECHOSLOVAKIA

CZ/0062/66/008/006/0476/0478

AUTHOR: Lisa, Ludmila; Prat, S.

ORG: Culture Collection of Antotrophic Organisms, Institute of Experimental Botany, Czechoslovak Academy of Sciences, Prague

TITLE: The effect of hydroxamates on the growth of the alga *Scenedesmus obliquus*

SOURCE: *Biologia plantarum*, v. 8, no. 6, 1966, 476-478

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LISA, Marie, MUDr.

Case of anaphylactic reaction following administration of procaine penicillin. Cesk. dermat. 31 no.5:280-282 Oct 56.

1. Klinická základna UDI, dermato-vener. odd. v Trenčine.
(PENICILLIN, related compounds,
procaine penicillin causing anaphylactic reaction, fatal
(Cz))
(ALLERGY, etiology and pathogenesis,
procaine penicillin causing fatal anaphylaxis (Cz))

LISA, M., MUDr.; EMANUEL, L., MUDr.

Survey of syphilitic patients at the Trencin venereological clinic during the recent 5 years. Cesk. dermat. 31 no.6:330-333 Dec 56.

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hosp. report (Cz))

EMANUEL, L. J. LISA, M.

Our experiences with the TPI test in congenital syphilis. Cesk.
derm. 39 no.62402-406 D '64

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L. Emanuel).

LISA N.S.

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(VIRA 11:6)

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LISA N. YA.

35865 Tärmatit.. Iz Pegmatitovykh Chrazovaniy Zapadnoy Volyni. Mineral. Sbornik
(L'vov), No.3, 1949, S. 217-18

SC: Letopis' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

LISA, N. YA.

6. Mineralogy of pegmatite occurrences of West V. Chernykh, Stornia, L'vov. Gos. Univ. (Lvov Univ.). Min.
The pegmatites are characterized by extensive albite re-
placement, the development of quartz-muscovite aggre-
gates, and the presence of abundant tourmaline and garnet
in the contact zone. Chem. analyses of biotite and garnet
are included.
Marie Siegrist

LISAC, H.

Modern equipment for cleaning fish boxes in Bremerhaven. p. 15.
MORSKO RIBARSTVO, Rijeka, Vol. 7, no. 3, Mar. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LISAC, H.

Use of plastic materials in the fishing industry. p. 133.
MORSKO RIBARSTVO. (Udruzenje morskog ribarstva Jugoslavije,
Rijeka.

Vol. 7, No. 6, June 1955

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 4, No. 12, December 1955

LISAC, H.

LISAC, H. Polyvinyl containers in the fish-canning industry. p. 166.

Vol. 7, No. 7, July 1955.

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AGRICULTURE

Rijeka, Yugoslavia

So: East European Accession, Vol. 5, No. 5, May 1956

LISAC, H.

LISAC, H. WASHING BARRELS TO REMOVE OIL. p. 302.

Vol. 7, No. 11, Nov. 1955.

MORSKO RIBARSTVO

AGRICULTURE

Rijeka, Yugoslavia

So: East European Accession, Vol. 5, No. 5, May 1956

LISAC, H.

Review of the article on fish preservation in our country. p. 25.

MORSKO RIBARSTVO. (Udruzenje morskog ribarstva Jugoslavije) Rijeka.

Vol. 8, no. 1, Jan. 1956

So. East European Accessions List

Vol. 5, No. 9

September, 1956

Lisac, H.

Smoking fish. p. 92. MORSKO RIBARSTVO. (Udr⁷enje morskog rib-
arstva Jugoslavije) Rijeka. Vol. 8, no. 3, Mar. 1956.

SOURCE:

East European Accessions List, (EEAL),
Library of Congress Vol. 5, no. 11, Nov. 1956.

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Cold fish smoking. P. 125

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Vol. 8, No. 5, May 1956.

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AGRICULTURE

Rijeka, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

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Cleaning the wires for smoking fish. p. 301.
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"Culture and preservation of mushrooms; a report to the conference of engineers and technicians in Zadar."

p. 314 (MorskoRibarstvo) Vol. 9, no. 12, Dec. 1957
Rijeka, Yugoslavia

SO: Monthly Index of East European Accessions EEAI LC. Vol. 7, no. 4,
April 1958

COUNTRY : YUGOSLAVIA H
 CATEGORY : Chemical Technology. Chemical Products and
 Their Applications. Food Industry.
 ABS. JOUR. : RZKhim., No. 19, 1959, No. 69617
 AUTHOR : Lisac, H.
 INST. :
 TITLE : Elimination of Unpleasant Odor in the Manufac-
 ture of Fish Meal
 ORIG. PUB. : Morsko ribarstvo, 1958, 10, No 2, 39
 ABSTRACT : Presented is a method for the elimination of
 unpleasant odors in the manufacture of fish
 meal in accordance with Flungel. This method
 is patented under the "Deodor" trade name.
 -- Z. Lebedeva.

CARD:

1/1

132

LISAC, H.

AGRICULTURE

PERIODICAL: MORSKO RIBARSTVO Vol. 11, no. 2, Feb. 1959

LISAC, H. Boxes for fish transportation. p. 30

Monthly List of European Accessions (EEAI) Vol. 11, no. 2
 April 1959 Unclass.

LISAC, H.

Fresh-water fisheries in the Mediterranean countries. P 97

MORSKO RIBARSTVO. (Udruženje morskog ribarstva Jugoslavije) Rijeka, Yugoslavia
Vol. 11, no. 5, May 1959

Monthly List of East European Accessions (EEAI) LC. vol. 8, no. 9, Sept. 1959

Uncl.

LISAC, Tomislav, inz. (Rijeka)

Light conductors. Elektrotehnikar 16 no.5/6370-71 '63

LISAC, Tomislav, inz. (Rijeka)

Protection of semiconductor from excess temperature.
Elektrotehnicar 15 no.3/4: 33-35 '61.

LISAC, Tomislav, ina. (Rijeka)

The transistor voltage controller for generators, Elektrotehnicar
16 no.1/2:1-3 '63.

LISAC, Tomislav, inz. (Rijeka)

Electrothermal cooling. Elektrotehnicar 15 no.7/8:102-105, 107
"61.

LISAC, Tomislav, inz. (Piskuliceva 1, Rijeka)

The trinistor, a controlled rectifier, in the construction of the magnetron modulator. Tehnika Jug 17 no.5: ~~Suppl. 1~~ ~~Elektrotehnika~~ 11 no.5:944-947 My '62.

1. Samostalni projektant tvornice "Svjetlost," Rijeka.

LISEK, Josef

Problems of educating technical workers for telecommunication. Cs
spoje 7 no.4:4-5 Ap '62.

1. Sprava dalkovych spoju, Praha.

KULAGIN, P., brigadir; SOLOV'YEVA, A., telyatnitsa; LISHCHENKO, A.

The worker's word is firm: his promises are carried out. 8cv.
profsoiuzy 16 no.22:23-25 N '60. (MIRA 14:1)

1. Predsedatel' profsoyuznogo komiteta otdeleniya sovkhosa imeni
Stalina, Volokolamskogo rayona, Moskovskoy oblasti (for Lishchenko).
(Volokolamsk District, Socialist competition) (State farms)

LISACHENKO, A.A.; VILESOV, F.I.; TERENIN, A.N., akademik

Mass spectrometric study of photoresorption processes in the
oxygen - zinc oxide system. Dokl. AN SSSR 160 no.4:864-866
F '65. (MIRA 18:2)

1. Leningradskiy gosudarstvennyy universitet.

Lisachenko, F. P.

551.509.58:551.579.4

AE-66
 Apollon, B. A. and Lisachenko, F. P., Printsipialnye vozmozhnosti kratkotschnogo (onovogo) prognoza nachala vesennego polutodnya na mal'kikh rekakh. [Principal possibilities of short range forecasting of spring floods for small rivers.] *Leninskaf. Tsel'nyy i Inzhin. Prognostov, Trudy.* 7(29):45-64, 1947. 1 fig., 2 tables, 10 eqs. *DLC*—In spite of the absence of water gauge point in small river basins, there is need of forecasting spring floods for the security of people and industry located in these areas. Author discusses the possibility of organizing such a forecast and presents the theory and practical methods of carrying it out. The questions of forecasting: the time of spring flood onset, depending on temperature rise and snow density, the statistical methods of determination; the water level variations during spring floods and the height of spring high water, are theoretically and practically discussed on basis of Uka River spring flood data for the period 1933-1946. *Subject Headings:* 1. Flood forecasting 2. Spring floods 3. Oka River, U.S.S.R. —A.M.P.

LISACHENKO, P. P.

"Work in Central Courses".
Meteorologiya i Gidrologiya, No. 1, Sept. 1950
Report U-2268, 20 Aug. 1952.

LISACHENKO, P.P.

We are improving the quality of textbooks for advanced technical schools. Meteor.i gidrol. no. 4:56-58 Ap '57. (MLRA 10:5)
(Hydrology--Textbooks) (Meteorology--Textbooks)

Lisachenko, I. P.

USSR.

Gas temperatures during combustion in a high-speed engine. I. P. Lisachenko. *Avtomobil. i Prok. Prom.* 1954, No. 11, p. 12. An engine cylinder provided with 2 quartz windows was placed between a spectroscope and a light bulb and a flame observed by adding 1 g. of NaOH in acid to the gasoline was observed by means of a strobe light. Temp. measurements were made by a contact pyrometer technique of changing the light emission of the lamp. The max. temp. recorded in an engine operating normally was 2200°K. but dropped to 1800-1800°K. during the cycle. J. D. Cat.

Cand. Tech. Sci.
VIM

LISACHENKO, I.P.

Gas temperature distribution at the chamber space of high-speed carburetor engines in the process of combustion of the air-fuel mixture. Avt.trakt.prom. no.1:17-20 Ja '55. (MIRA 8:4)

1. Vsesoyuznyy institut mekhanizatsii sel'skogo khozyaystva.
(Automobiles--Engines--Carburetors)

LISACHENKO, I.P.

113-58-3-6/16

AUTHOR: Lisachenko, I.P., Candidate of Technical Sciences
 TITLE: Hydraulic Draw Dynamograph VIM (Tyagovyy gidravlicheskiy dinamograph VIM)
 PERIODICAL: Avtomobil'naya Promyshlennost', 1958, Nr 3, pp 20-22 (USSR)

ABSTRACT: In the past, piston or membrane gears were used in hydraulic dynamographs. Both gears had several drawbacks. A new dynamograph with a bellows-type thermostat is proposed. A diagram of a dynamograph with a hydraulic gear is represented in Figure 1. The dynamograph was tested and two variations of the draw links were designed. One worked with one bellows-type thermostat and the other with two relay bellows-type thermostats. The second (Figure 2) was more reliable. A registrator was also developed (Figure 3), its sensitive element a bellows-type thermostat combined with a spring. The measuring spring has high metrological properties and its hysteresis is only 0.3%. Figure 4 shows the dynamograph VIM for measuring draw stresses in two ranges: up to 1,500 kg and 3,000 kg. The length of the draw link is 360 mm, its weight 13.5 kg. The weight of the whole

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Hydraulic Draw Dynamograph VIM

113-58-3-6/16

dynamograph is 25 kg. The registering device records diagrams of a height of 50 mm moving at a speed of 300 mm/min. The error of the draw link does not exceed $\pm 0.23\%$ of the measured value. The hydraulic draw dynamographs with bellows-type thermostats are unlike other hermetically closed systems. There are 4 figures.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva (All-Union Scientific Research Institute for the Mechanization of Agriculture)

AVAILABLE: Library of Congress
Card 2/2
1. Dynamographs-Design

LISACHENKO, I.P., kand.tekhn.nauk

Tolerable errors in determining work indices for tractors. Trakt.
i sel'khoz mash. no.9:9-11 S '58. (MIRA 11:10)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii
sel'skogo khozyaystva).
(Tractors)

LISACHENKO, I. P.

AGRICULTURE

PERIODICAL: SBORNIK RADA MACHANISACE E ELEKTRIFIKACE ZEMEDELSTVI
VOL. 31, no. 5, Dec. 1958

Lisachenko, I. New mechanical means for measuring main indicators of the
work of tractors in fields. Tr. from the Russian. p. 235

Monthly List of East European Accessions (EEAI), IC, Vol. 8, no. 5,
May 1959, Unclass.

11159-66 EWT(d)

ACC NR: AP6000358

SOURCE CODE: UR/0286/65/000/021/0053/0054

23
23

AUTHORS: Inayekyan, E. A.; Lisachenko, I. P.

ORG: none

10

TITLE: Two-coordinate electrooptical device for recording the functional dependence of two quantities. Class 42, No. 176084 /announced by Scientific Research and Structural Institute of Test Machines, Instruments, and Means of Mass Measurement (Nauchno-issledovatel'skiy i konstruktorskiy institut ispytatel'nykh mashin, priborov i sredstv izmereniya mass) /

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 21, 1965, 53-54

TOPIC TAGS: electrooptic camera, recording equipment

ABSTRACT: This Author Certificate presents a two-coordinate electrooptical device for recording the functional dependence of two quantities in Cartesian coordinates on photosensitive material. The device contains two magnetoelectrical systems mounted in the camera, whose axes cross at an angle, and a photooptical system. To increase the accuracy of recording, the axles of the movable frames of the magnetoelectrical systems are mounted independently on a common bracket. A flat vertical scanning mirror is mounted on the axle of one of the frames (see Fig. 1).

UDC: 681.41

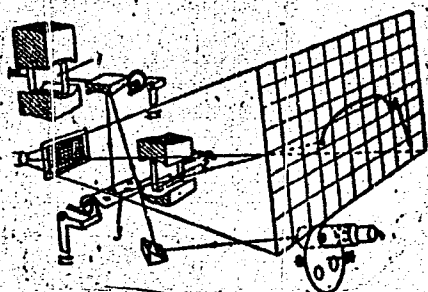
Cord 1/2

2

L 11159-66

ACC NR: AP6000358

Fig. 1. 1 and 2 - Magnetoelectrical systems; 3 - flat vortical scanning mirror.



Orig. art. has: 1 diagram.

SUB CODE: 14/ SUBM DATE: 27Jul64

Card 2/2

RUMANIA/Cultivated Plants - General Problems.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82241

Author : Bucur, N., Dobrescu, C., Lisadru, G., Tesu, C., Afuscoe, D., Dumbrava, I.

Inst : Iasi Affiliate AS RPR

Title : Salt Tolerance of Plants Grown on Non-Irrigated Saline Soil of Juia-Behlui Depression in the Year 1955.

Orig Pub : Studii si cercetari stiint. Acad. RPR Fil. Iasi. Biol. si stiinte agric., 1956, 7, No 1, 129-152

Abstract : Salt tolerance was studied in 12 species of agricultural plants which are cultivated on the saline lowland soil of Juia-Behlui (Rumanian People's Republic) under the conditions of 1955, noted for its moist and cold summer to fall period. The salt tolerance was determined by

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- 1 -

LISACHENKO, Ya.

Contribution of enterprises managing Moscow water-Supply and sewer systems. Zhil.-kom. khoz. 11 no. 1:17-18 '61. (MIRA 14:2)

1. Glavnyy mekhanik Upravleniya vodoprovodno-sanarnonogo khozyaystva Moskvy.
(Moscow---Water supply) (Moscow---Sewage) (Electric power)

SOV/125-60-2-12/21

25(1)

AUTHORS: Lisachev, N.T. and Slavutskiy, Yu. P.

TITLE: An Installation for the Automatic Welding of Equipment
for Coke By-Product Plants

PERIODICAL: Avtomaticheskaya svarka, 1960, Nr 2, pp 85-87 (USSR)

ABSTRACT: The new automatic welding installation described here was developed by the Slavyanskiy Plant for Coke By-Product Equipment. This plant produces gas pipelines, regenerators and other cylindrical work. Photographs 1 and 2 show this new installation. It permits the automatic welding of work from 600 to 3500-mm in diameter and from 1200 to 22,000-mm in length. The mobile part of the stand is in the form of a monorail crane with a mobile "balcony" which has ways for the "ADS-1000-2" welding tractor. Any other automotive welding head may be used. The installation also includes another, fixed "balcony" (Figure 2), on which the control stand is situated,

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SOV/125-60-2-12/21

An Installation for the Automatic Welding of Equipment for Coke
By-Product Plants

as well as the welding transformer "TSD-1000-3" and the box with the ShRU-2 distribution arrangement. This "balcony" serves also for balancing the mobile "balcony" bearing the welding device and the operator. The mono-rail carriage moves at the rate of about 10 m/min. The whole installation is controlled by one operator. The return and purifying of the flux is accomplished with the aid of an electric exhauster designed by TsNIITMASH. The work rotates on supporting rollers by means of a transmission drive. The monorail design has saved about 120 square meters of floor space in the shop. There are 2 photographs.

ASSOCIATION: Slavyanskiy zavod koksokhimicheskogo oborudovaniya
(Slavyanskiy Plant for Coke By-Product Equipment).

SUBMITTED: November 9, 1959
Card 2/2

MOZOV, N.V., kand. tekhn. nauk; MKRTUMYAN, A.K., kand. tekhn. nauk; ANTIPOV, T.P., arkh.; KOCHESHKOV, V.C., inzh.; LISAGOR, I.A., inzh.; TSAPLEV, N.N., inzh.; IVASHKOVA, V.K., kand. tekhn. nauk; SHIKUNOV, I.Ya., inzh.; FILIN, Yu.D., inzh.; MOSTAKOV, V.I.; BURLACHENKO, P.Ye., kand. khim. nauk [deceased]; PANKRATOV, V.F., inzh.; RUBANENKO, B.R., glav. red.; ROZANOV, N.P., zam. glav. red.; ONUFRIYEV, I.A., red.; YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISIDOROV, V.V., red.; MAKARICHEV, V.V., red.; POLUBNEVA, V.I., red.

[Ways of improving design details for the seams of exterior wall slabs] Puti uluchsheniia konstruktivnykh reshenii stykov panelei naruzhnykh sten. Moskva, TSentr. biuro tekhn. informatsii i nauchno-issl. in-ta organizatsii, mekhanizatsii i tekhn. pomoshchi stroit., 1962. 78 p.

(MIRA 16:8)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-eksperimental'nyy institut industrial'nykh zhilykh i mas-sovykh kul'turno-bytovykh zdaniy (for TSaplev).
2. Nauchno-issledovatel'skiy institut betona i zhelezobetona Akademii stroitel'stva i arkhitektury SSSR, Perovo (for Mostakov).
3. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroitel'nykh materialov Akademii stroitel'stva i arkhitektury SSSR (for Pankratov).

(Wallis)

AL'KHOVSKIY, M.S.; LISAGOR, M.S.; KAYESHKOV, D.I.

Instrument for the automatic determination of the fractional composition of petroleum products in a flow. Khim.i tekhn.topl.i masel-6 no.3:40-45 Mr '61. (MIRA 14:3)

1. Spetsial'noye konstruktorskoye byuro po avtomatike v neftepere-rabotke i proizvodstve iskusstvennogo zhidkogo topliva.
(Petroleum products)

LISHAGOR, M.S.

Some algorithms of automatic optimization with random test actions.
Trudy MINKHOP no.52:24-39 '64. (MIRA 18:6)

THOLOGOV, Anatoliy Vasil'yevich; SYROPYATOV, Aleksandr Konstantinovich;
LISAGOROVSKIY, B.P., redaktor; SERGEYEVA, N.A., redaktor izdatel'-
stva; GUROVA, O.A., tekhnicheskii redaktor

[Geodesy with the elements of mine surveying] Geodeziia s osnovami
markshneiderii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol.
i okhrane nedr, 1955. 277 p. (MLRA 9:8)
(Geodesy) (Mine surveying)